A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 1/12

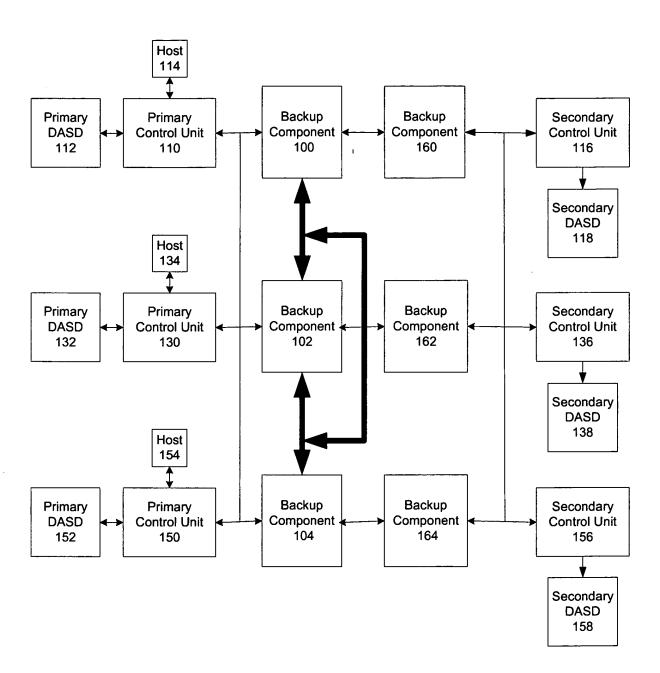


FIG. 1A

METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 2/12

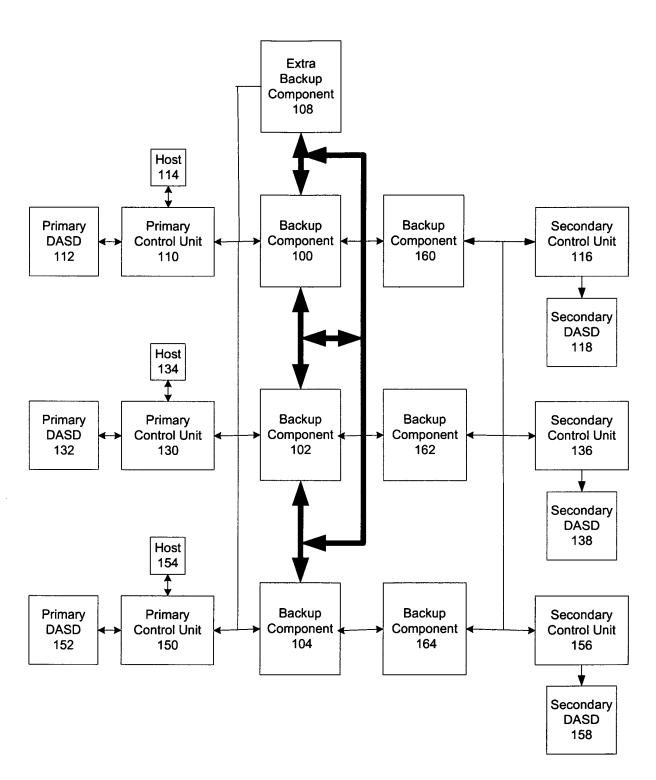


FIG. 1B

METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 3/12

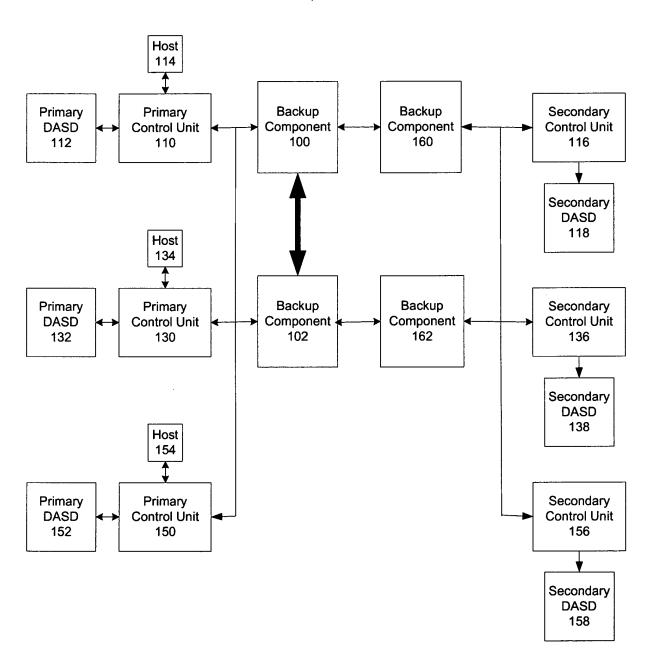
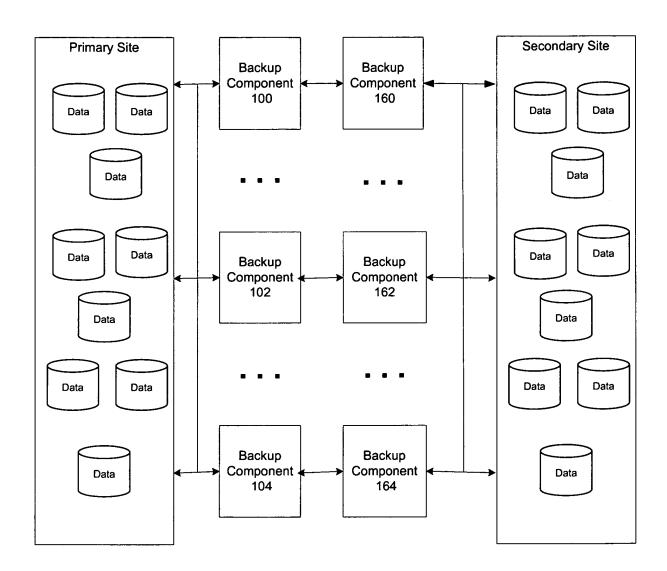


FIG. 1C

METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 4/12



METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 5/12

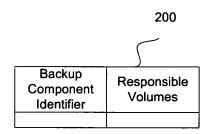


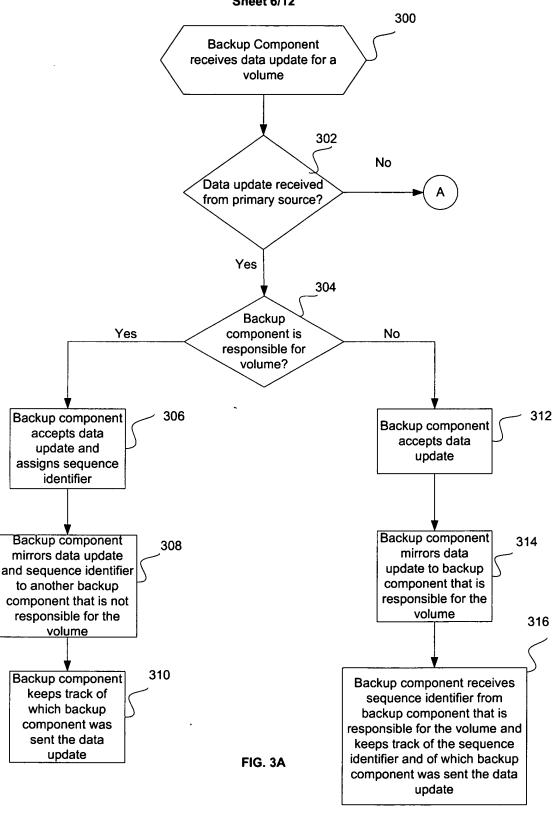
FIG. 2A 210 Backup Backup component Component to Sequence Source Volume Target Volume Data Update from which which Data Identifier Identifier Identifier Updates were **Data Updates** were mirrored mirrored

FIG. 2B

THOD, SYSTEM, AND PROGRAM FOR

A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS





METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 7/12

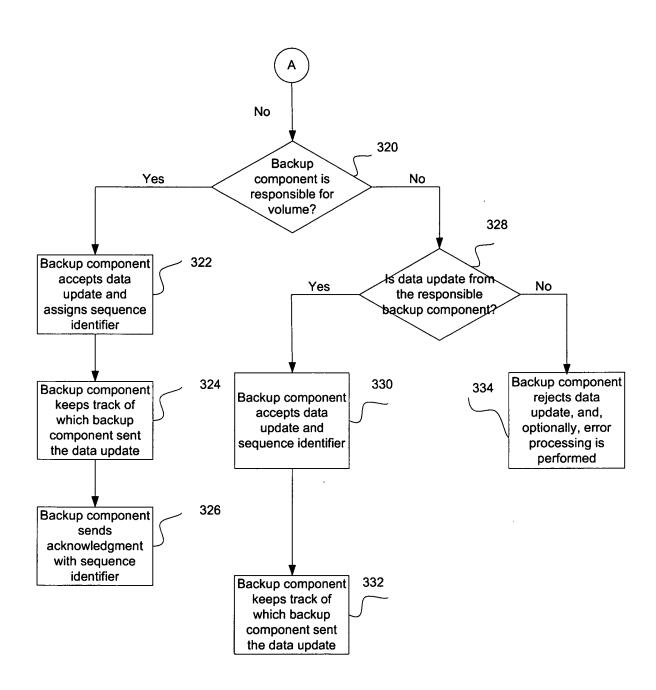


FIG. 3B

METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 8/12

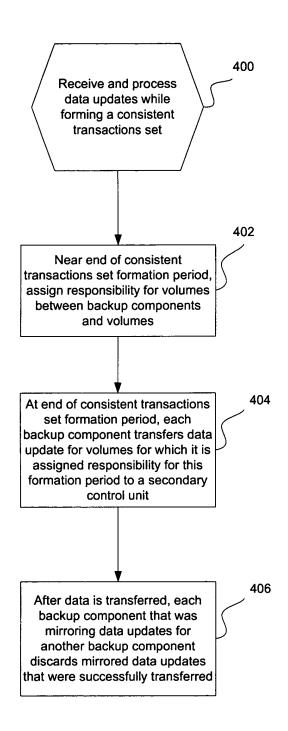
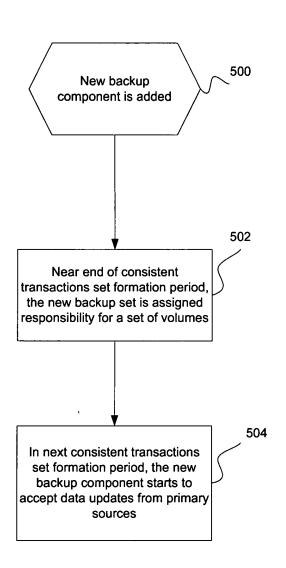
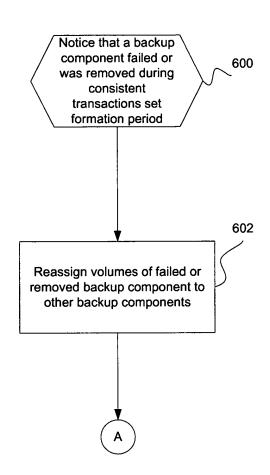


FIG. 4

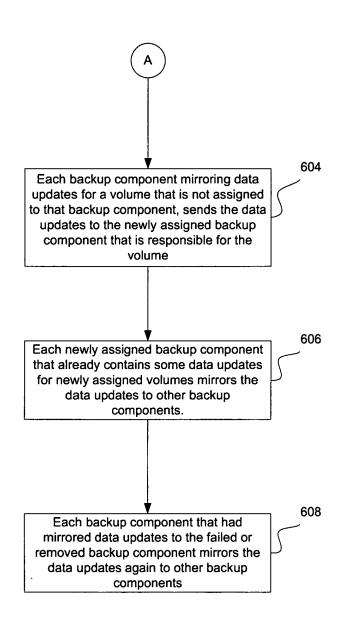
METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 9/12



METHOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al. TUC920030107US1 Sheet 10/12



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THOD, SYSTEM, AND PROGRAM FOR A SYSTEM ARCHITECTURE FOR AN ARBITRARY NUMBER OF BACKUP COMPONENTS J. J. Wolfgang et al.

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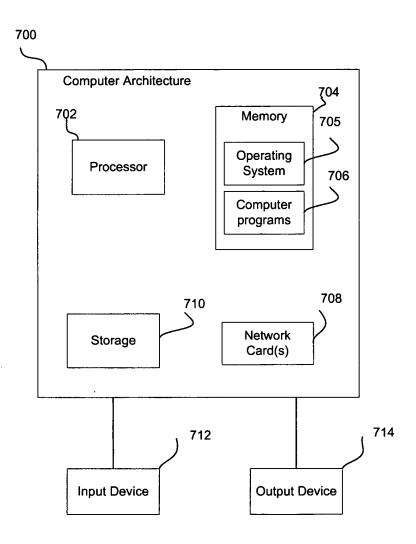


FIG. 7